

6-435-A Site Summary - Paradise Marsh**6-435-A****County:** San Diego **ACP Division/Segment:** SD - J - S002 SD - J - S003**NOAA Chart:** 18773**Map Book:** 1309 H4**Decimal Degrees:** 32.65567 -117.10861**Site Description:**

Paradise Marsh is a wetland that is connected to the San Diego Bay by the Sweetwater River Channel. A significant amount of effort has been made to restore this area to be a functional wetland especially for its natural resource value. The primary protection strategy seeks to exclude oil in the bay from moving up the Sweetwater River Channel and entering the wetlands.

Resources at Risk:

ESI and Habitat: 10A Salt - and brackish-water marshes
8C Sheltered riprap

List of Resources at Risk:

	Resource Name	Status	Presence	Sensitivity
Birds	Belding's savannah sparrow	SE	Year-round	
Birds	California least tern	FE, SE	Feb - Sep	
Birds	Western snowy plover	FT, SSC	Year-round	
Plants	salt marsh bird's beak	FE, SE	Variable	
Plants	intertidal mudflat		Year-round	
Plants	salt marsh bird's beak	FE, SE	Year-round	

FT-Federally Threatened, FE-Federally Endangered, FP-Federally Protected, SE-State Endangered, ST-State Threatened, SP -State Protected, SR-State Rare, SSC-Species of Special Concern, BGEPA-Bald and Golden Eagle Protection Act, SSSP-State Special Status Species

List of Key Contacts:

Type	Name/Title	Organization	Phone
C	/Coordinator	Native American Heritage Commission	(916) 373-3710
C	/Coordinator	South Coastal Information Center	(619) 594-5682
T	/San Diego Coast District	California State Parks	(619) 688-3260
T	/Refuge Manager	San Diego Bay National Wildlife Refuge	(619) 575-2704
T	/Spill Coordinator (24hr)	US Fish and Wildlife Service, Carlsbad Office	(760) 607-9768
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C – Cultural, Historic, Archaeological; E – Entry/Owner/Access; O – Other; S – Safety; T – Trustee; X – Exclusion or Security

Additional Site Summary Comments:

The primary protection strategy for Paradise Marsh is a boom placement located on the Sweetwater Channel west of the marsh flood channel. This boom (6.435.2) is designed to be joined with the boom protection strategy for Sweetwater Marsh NWR (6-440.2). A secondary protective boom can be installed at the channel opening that feeds water directly into the marsh (6-435.3).

Concerns and Advice to Responders:

There is a floating wire barricade to stop boats from going up the Sweetwater Channel. Secure the wire open before transiting up the channel.

Hazard and Restrictions:

Watch for submerged pilings in the Sweetwater Channel connection to the D St. Fill Site.

Site Strategies:**Site Validation Level: III**

Strategy: 6-435.1 Objective: See the Cross-Bay Boom Strategy 6-420.

Strategy: Collect oil off-site using boom sets or towed boom arrays to prevent oil migration to this site.

Table of Response Resources

Last Page Update

Strategy: 6-435.2 Objective: Exclude Oil

Strategy: This strategy begins at the L.M. Pepper Park boat launch ramp across to the south side of Sweetwater Channel. Protection strategy 440.2 is a direct continuation of this strategy (435.2).

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			500	feet	
Anchor	Danforth	25 lb		2		
Staff	Staff to Deploy			3		
Vessel	Boom Boat			1		

Strategy: 6-435.3 Objective: Exclude Oil

Strategy: Deploy boom in the main channel to keep oil moving upstream on the incoming tide, and to keep it in the main channel on the outgoing tide so that it does not enter the marsh habitats in the north and south side channels.

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Harbor Boom			600	feet	<i>Strategy Updated:</i> <i>Last Test: 2/21/2012</i>
Anchor	Danforth	25 lb		4		
Vessel	Boom Boat			1		
Staff	Staff to Deploy			4		

Logistics:

Directions: To reach L.M. Pepper Park, take I-5 towards National City and exit at Mile of Cars Way/Bay Marina Drive. Go west to Tidewater Avenue and turn Left. Continue south to "Pepper Park."

Land Access: D Street Fill access limited April-September. This site is adjacent to street address: 3301 Tidelands Ave National City 91950.

On-Water Limitations: Responders must remove the boat exclusion wire that extends across the channel 600' east of the boat ramp. The channel wire is marked with small floats and secured at the shoreline with turn buckles. Bring a wrench and a float to secure the wire before transiting to the site.

Facilities, Staging Areas, Command Posts, Available Equipment: Pepper Park Boat Launch parking lot at the terminal end of Tidelands Ave, National City.

Communications Problems:

Additional Operational Comments:

Snowy Plover / Least Tern Nesting Site. Please refer to ACP Site 6-000 before deploying response resources to this sensitive site.

